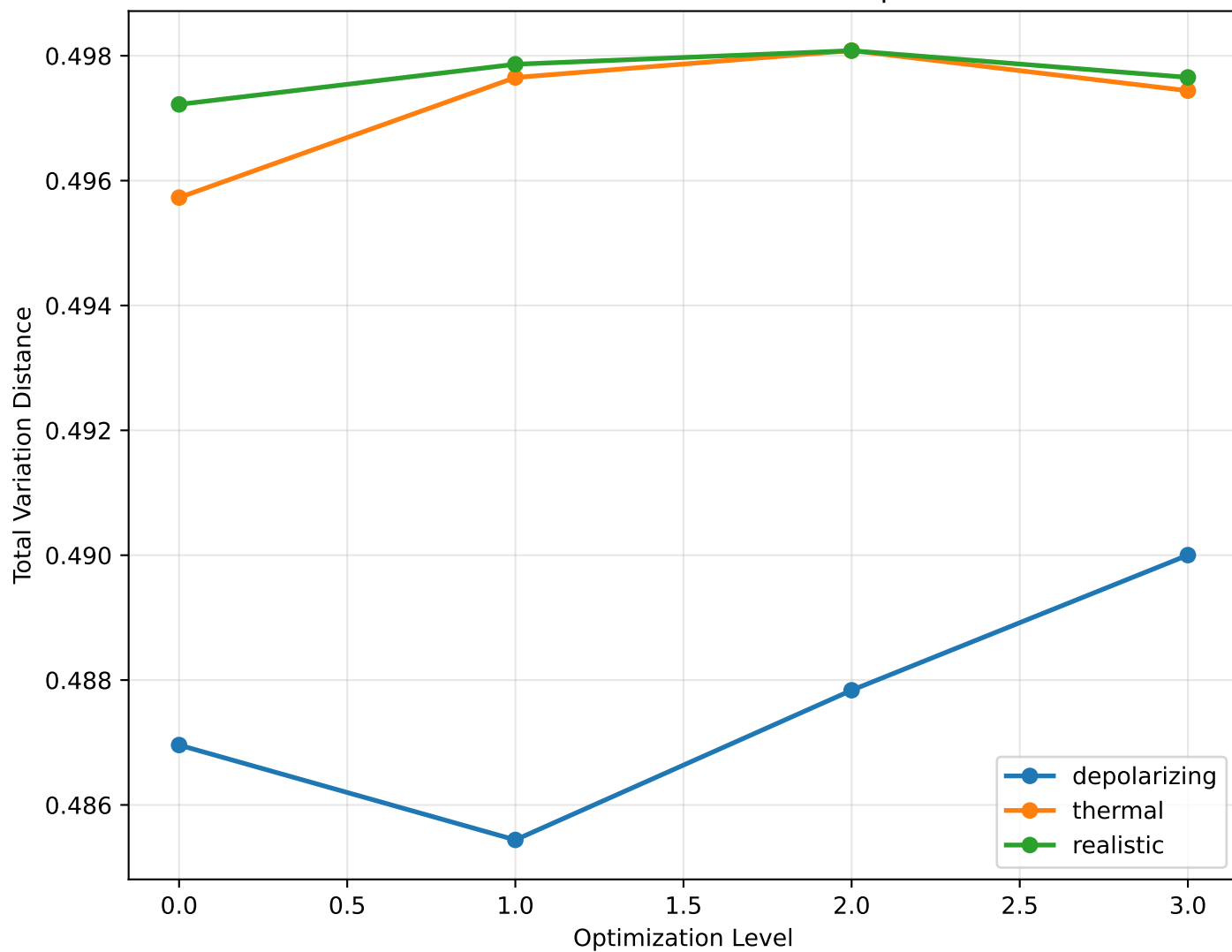
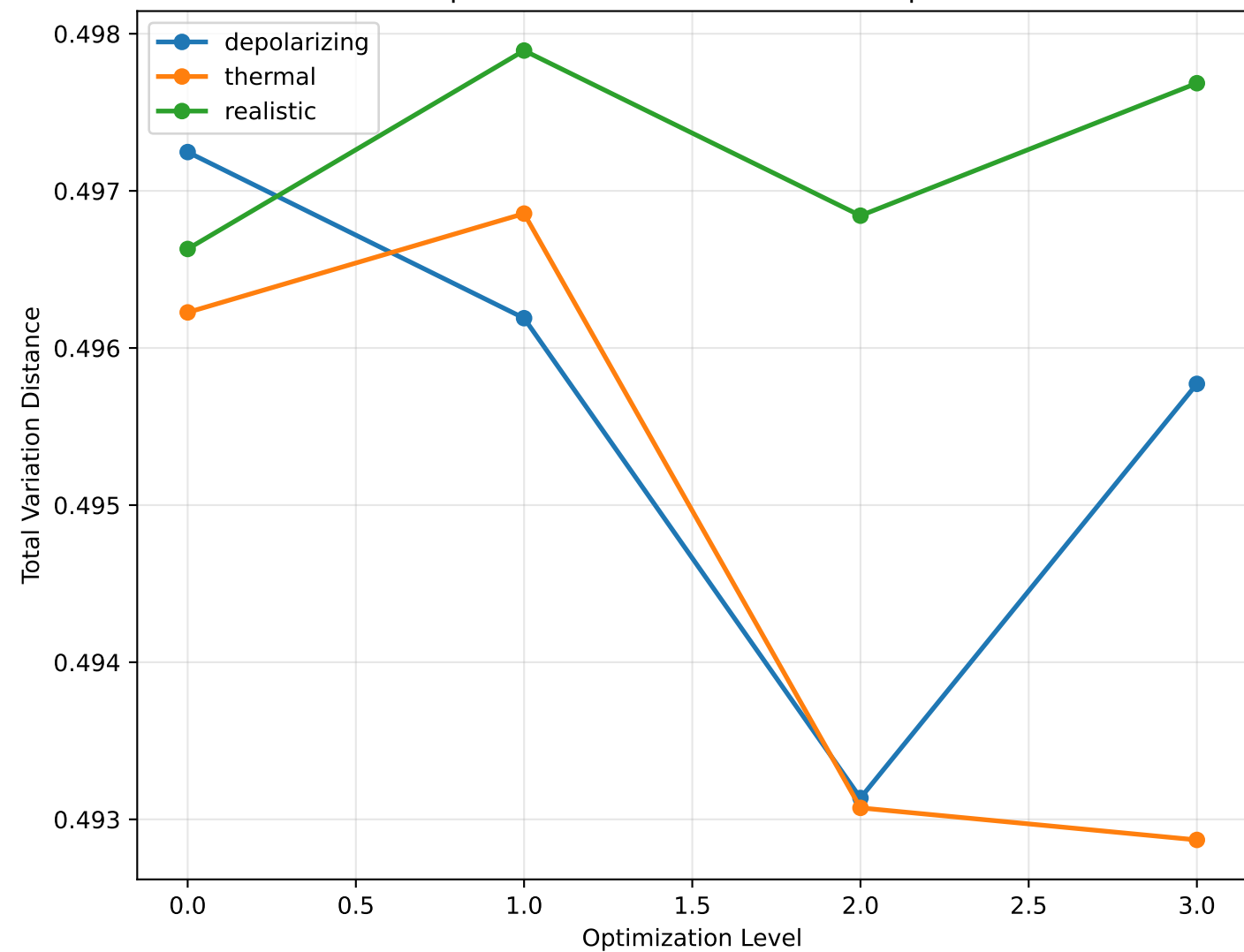


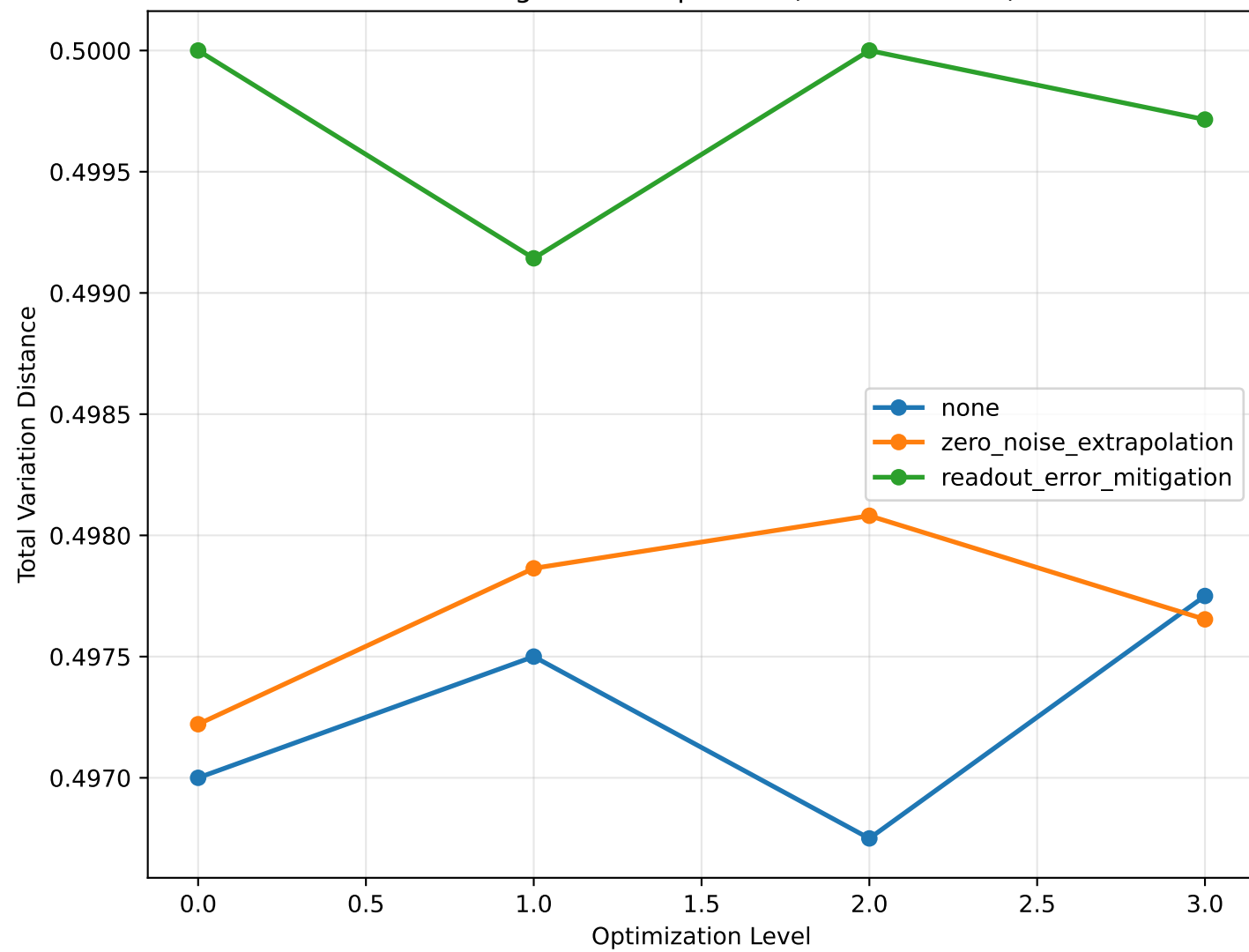
Gaussian Distribution - Noise Impact



Exponential Distribution - Noise Impact



Error Mitigation Comparison (Realistic Noise)



## Performance Summary:

## Average Improvements:

- Optimization Level 0: -0.0%
- Optimization Level 1: -0.2%
- Optimization Level 2: -0.2%
- Optimization Level 3: -0.1%

## Best Performance:

- Distribution: Gaussian
- Noise Model: Realistic
- Optimization: Level 2
- Mitigation: Zero-noise extrapolation